BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Culverts and Improvements to drain at in Ward No. 05 Byatarayanapura Sub Division

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item No. 01		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work .									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no. 02						523.29			
		Total Executed Quantity						**523.29**			
		Tender Quantity						**529.61**			
		Now To Be Paid Quantity						**523.29**	**180.62**	**94516.64**	
Item No. 02		Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the direction of Engineer in charge of the work.									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no. 03						43.65			
		Total Executed Quantity						**43.65**			
		Tender Quantity						**43.65**			
		Now To Be Paid Quantity						**43.65**	**4766.03**	**208037.21**	
Item no.03		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the direction of Engineer in charge of the work.									
			Tonne								
		Vide Total executed Quantity from premeasuremet Page no. 04						6.70			
		Total Executed Quantity						6.70			
		Tender Quantity						6.62			
		Now To Be Paid Quantity									
		Quantity Limited To						**6.62**	**67243.00**	**445148.66**	
Item no.04		Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed. well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification and as per the direction of Engineer in charge of the work.									
Measurements Taken On :											
		Srirampura Main Road									
0	30		Cum	1	30.00	0.90	0.15	4.05			
30	60		Cum	1	30.00	0.90	0.15	4.05			
60	90		Cum	1	30.00	0.90	0.15	4.05			
90	120		Cum	1	30.00	0.90	0.15	4.05			
120	150		Cum	1	30.00	0.90	0.15	4.05			
150	180		Cum	1	30.00	0.90	0.15	4.05			
								24.30			

Executive Engineer

Contractor

Assistant Engineer

Assistant Executive Engineer

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MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
From	To										
180	190		Cum	1	10.00	0.90	0.15	1.35			
		Main road									
0	30		Cum	1	30.00	0.90	0.15	4.05			
30	50		Cum	1	20.00	0.90	0.15	2.70			
		Side Wall									
		Srirampura Main Road									
0	30		Cum	2	30.00	0.15	0.75	6.75			
30	60		Cum	2	30.00	0.15	0.75	6.75			
60	90		Cum	2	30.00	0.15	0.75	6.75			
90	120		Cum	2	30.00	0.15	0.75	6.75			
120	150		Cum	2	30.00	0.15	0.75	6.75			
150	180		Cum	2	30.00	0.15	0.75	6.75			
180	190		Cum	2	10.00	0.15	0.75	2.25			
		Main road									
0	30		Cum	2	30.00	0.15	0.75	6.75			
30	50		Cum	2	20.00	0.15	0.75	4.50	62.10		
						Sub Total		**86.40**			
		Copping Concrete									
		Srirampura Main Road									
0	30		Cum	2	30.00	0.15	0.20	1.80			
30	60		Cum	2	30.00	0.15	0.20	1.80			
60	90		Cum	2	30.00	0.15	0.20	1.80			
90	120		Cum	2	30.00	0.15	0.20	1.80			
120	150		Cum	2	30.00	0.15	0.20	1.80			
150	180		Cum	2	30.00	0.15	0.20	1.80			
180	200		Cum	2	20.00	0.15	0.20	1.20			
		Telecom Layout									
0	30		Cum	2	30.00	0.15	0.20	1.80			
30	60		Cum	2	30.00	0.15	0.20	1.80			
60	79		Cum	2	19.00	0.15	0.20	1.14			
						Sub Total		**16.74**			
		Culvert									
		Telecom Layout									
			Cum	1	8.50	1.20	0.20	2.04			
			Cum	1	9.50	1.20	0.20	2.28			
		Side Wall									
		Telecom Layout									
			Cum	2	8.50	0.23	0.50	1.96			
			Cum	2	9.50	0.23	0.50	2.19			
						Sub Total		**8.47**			
							Total Executed Quantity	**111.61**			
							Tender Quantity	**110.60**			
							Now To Be Paid Quantity				
							Quantity Limited To	**111.60**	**6227.89**	**695032.52**	

Executive Engineer 26/5/22

Executive Engineer 26/5/22

Executive Engineer 26/5/22

Executive Engineer 26/5/22

M. A. Ravikumar
Contractor

Assistant Engineer

Assistant Executive Engineer

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MEASUREMENT SHEET

FIRST AND FINAL BILL

Chain		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	RS.	Remarks
From	To										
Item no.05		Providing and Fixing pre cast covering Slab made out of CC jelly 20mm Down Size with Steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift, transportation etc ,copmplete and as per the direction of Engineer in charge of the work.									
Measurements Taken On :											
		Srirampura Main Road									
0	30		Sqm	1	30.00	0.90		27.00			
30	60		Sqm	1	30.00	0.90		27.00			
60	90		Sqm	1	30.00	0.90		27.00			
90	120		Sqm	1	30.00	0.90		27.00			
120	150		Sqm	1	30.00	0.90		27.00			
150	180		Sqm	1	30.00	0.90		27.00			
180	190		Sqm	1	10.00	0.90		9.00			
		Main road									
0	30		Sqm	1	30.00	0.90		27.00			
30	50		Sqm	1	20.00	0.90		18.00			
		Srirampura Main Road									
0	30		Sqm	1	30.00	1.20		36.00			
30	60		Sqm	1	30.00	1.20		36.00			
60	90		Sqm	1	30.00	1.20		36.00			
90	120		Sqm	1	30.00	1.20		36.00			
120	150		Sqm	1	30.00	1.20		36.00			
150	180		Sqm	1	30.00	1.20		36.00			
180	200		Sqm	1	20.00	1.20		24.00			
		Telecom Layout									
0	30		Sqm	1	30.00	1.20		36.00			
30	60		Sqm	1	30.00	1.20		36.00			
60	79		Sqm	1	19.00	1.20		22.80			
							Total Executed Quantity	550.80			
							Tender Quantity	550.80			
							Now To Be Paid Quantity	550.80	1960.74	1079975.59	
Item no.06		Providing and Fixing pre cast covering Slab of 230mm thick for drain cement concrete 1:1.5:3 using granded granite jelly 20mm and Down size with steel reinforcement including form work,lift charges curing, and concrete finished surfaces on both sides etc, complete and as per the direction of Engineer in charge of the work.									
Measurements Taken On :											
		Telecom Layout									
			Sqm	1	8.5	1.20		10.20			
			Sqm	1	9.5	1.20		11.40			
							Total Executed Quantity	21.60			
							Tender Quantity	21.60			
							Now To Be Paid Quantity	21.60	4543.80	98146.08	
									Sub Total	2620856.70	
									Add 12% Gst	314502.80	
									Total Amount	2935359.50	

Round off: 29,35,000·00

Contractor

Assistant Engineer

Assistant Executive Engineer

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